

Clifford numbers from Bohr-Sommerfeld quantization of Grassmann-variant systems

Abe S., Tayurskii D.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2015, Pleiades Publishing, Inc. Bohr-Sommerfeld quantization is discussed for Grassmann-variant fermionic degrees of freedom. It is shown that this procedure applied to a Grassmannian dynamical variable of the Majorana type gives rise to a Clifford number, shedding further light on the quantum-classical correspondence for fermions.

<http://dx.doi.org/10.1134/S0021364015180022>
